# BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of work: Improvements to roads and Drains from Bagalur main road to Shivapura in Ward No.05**

**Agency:-m/s KRIDL**

## SCHEDULE-B

| Sl No | App Qty | Description of work | Approved Rates of m/s KRIDL | | |
|---|---|---|---|---|---|
| | | | Unit | Rate in Figures | Rate in Words |
| 1 | 669 | KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specificatioMORTH Chapte( **P-142, lt,-19.2)** | Cum | 119.78 | Rupees One Hundred Nineteen And Paise Seventy Eight Only |
| 2 | 668.65 | KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 ***( P-130, lt.No. 17.1)*** | Cum | 93.916 | Rupees Ninety Three And Paise Ninety Two Only |
| 3 | 2.70 | KSRB 4-1.1: Providing and laying in position plain cement concrete of nominal mix 1:3:6 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Specification No. KBS 4.1, 4.2 ***(P-12, lt.4.2)*** | Cum | 5348.76 | Rupees Five Thousand Three Hundred Forty Eight And Paise Seventy Six Only |
| 4 | 11.10 | KSRB 4.2.2:Providing andlaying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs, with 20mm and down size graded granite metal coarse aggregates @0.878 cum and fine aggregates @ 0.459 cum, with superplastisiser @ 3lts confirming to IS 9103-1999 Reaffirmed -2008, machine mixed, concrete laid in layres not exceeding 15 cms, thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase,lintles, retaining walls, return walls, walls (any thickness) includng attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills fillets etc, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No.KBS 4.1, 4.6 ***(P-13, lt.4.11)*** | Cum | 6371.66 | Rupees Six Thousand Three Hundred Seventy One And Paise Sixty Six Only |

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Project Division
Yelahanka Zone
Bangalore

| | | | | | |
|---|---|---|---|---|---|
| 5 | 1.11 | KSRB 4.9-2:Providing ***T.M.T steel reinforcement for R.C.C*** *work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification NO.KBS 4.6.3* ***(P-17, It.4.46.2)fe 500*** | ton | 64243.42 | Rupees Sixty Four Thousand Two Hundred Forty Three And Paise Forty Two Only |
| 6 | 69.60 | KSRB 4-6.4:Providing and removing centering, shuttering, strutting, propping etc, and removal of form work for vertical surface such as walls at any thickness, including attached plasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **(P-17 It.4.31)** | Sqm | 310.58 | Rupees Three Hundred Ten And Paise Fifty Eight Only |
| 7 | 1244.10 | Providing granite slabs of selected quality roughly dressed having a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. **(P-254 It.5.31.2)** | Sqm | 665.68 | Rupees Six Hundred Sixty Five And Paise Sixty Eight Only |
| 8 | 311.03 | KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murrum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cost of earth, watering charges & compaction by vibratory roller) MORTH Specification No. 305***( P-148, It,-19.62)*** | Cum | 320.12 | Rupees Three Hundred Twenty And Paise Twelve Only |
| 9 | 373.23 | KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P-158, It.No. 20.18) | Cum | 1768.08 | Rupees One Thousand Seven Hundred Sixty Eight And Paise Eight Only |
| 10 | 2073.50 | KSRRB 500-1. Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air, to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 ***( P-161 IT NO 21.1)*** | Sqm | 13.78 | Rupees Thirteen And Paise Seventy Eight Only |

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Project Division
Yelahanka Zone
Bangalore

| | | | | | |
|---|---|---|---|---|---|
| 11 | 4147.00 | KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.<br>MORTH Specification No. 502 ***PAGE161 IT NO 21.6*** | Sqm | 27.56 | Rupees Twenty Seven And Paise Fifty Six Only |
| 12 | 165.88 | KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications ***PAGE165IT NO 21.23.2*** | Cum | 8640.06 | Rupees Eight Thousand Six Hundred Forty And Paise Six Only |
| 13 | 283 | KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound<br>2.5 mm thick including reflectorising glass beads at 250 gms per sqm<br>area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.<br>MORTH Specification No. 803***PAGE185IT NO 24.15*** | Sqm | 542.72 | Rupees Five Hundred Forty Two And Paise Seventy Two Only |

10/X/17

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Project Division
Yelahanka Zone
Bangalore